Contracting Office Address
Chicago Office
9800 South Cass Avenue
Argonne, IL 60439

Description
The U. S. Department of Energy (DOE) is seeking a contractor to manage and operate the Ames Laboratory (AMES) in Ames, Iowa. AMES operates 330,000 gross square feet of government-owned buildings located on leased land on the campus of Iowa State University in Ames, Iowa. The central mission of the Laboratory is to provide national scientific leadership and technological innovation to support DOE's objectives and programs.

AMES serves DOE and the interests of science and national security by conducting fundamental research in the physical, chemical, biological, materials, mathematical and engineering sciences, environmental improvement, and other technical areas essential to national interests. AMES has a focus on materials research, with strengths in ancillary areas such as catalysis. Physical and chemical analytical capabilities support materials research. Current analytical capabilities are used to address environmental and molecular biological problems. AMES operates the Materials Preparation Center which provides capabilities in preparation, purification, fabrication and characterization of materials in support of R&D programs at government, academic and industry laboratories throughout the world.

The Laboratory's scientific component is organized into several research programs:

Applied Mathematics and Computational Sciences: to improve parallel computing through clustering techniques for use in scientific and engineering computation.

Biorenewable Resource Consortium: development and utilization of agriculturally derived alternatives to petrochemicals and other nonrenewable fossil resources.

Chemical and Biological Sciences: research on reactions in combustion and the nature of heterogeneous catalysis; research on new syntheses of inorganic catalytic materials; spectroscopic and kinetic characterization of metal oxide catalysts; and projects in separations, analytical spectroscopy, lasers in analytical chemistry, chemical analysis at liquid-solid interfaces, and metal hydride batteries.

Condensed Matter Physics: neutron and x-ray scattering of condensed matter, including magnetic neutron scattering; design, discovery, growth

and characterization of novel electronic and magnetic compounds; experimental studies of superconductivity, magnetism, and their coexistence in materials at low temperatures; development of techniques to create artificial macromolecular membranes and to determine their physical properties; and Photonic Band Gap structures (periodic dielectric structures that forbid propagation of electromagnetic waves in a certain frequency range).

Environmental and Protection Sciences: technological solutions for the cleanup of the legacy of nuclear weapons production; new forensic technologies.

Materials Chemistry and Biomolecular Materials: to synthesize and to understand the principles governing properties and behavior of novel materials and structures, and macromolecular systems.

Materials and Engineering Physics: fundamental understanding of materials phenomena at reduced dimensionality and increasing levels of compositional, structural, and functional complexities in magnetism, amorphous materials, solidification science, rare earth materials, and metallic liquid structures.

Multiphase Systems: to advance understanding of three-dimensional gas-solid reacting flows using basic theory and modeling.

Nondestructive Evaluation: research to develop flaw detection techniques for forecasting lifetimes under varied service conditions, and to meet needs for reliability in manufacturing materials and structures.

In addition, AMES performs other non-DOE sponsored research that is consistent with DOE's and AMES' mission. Through its technology transfer programs, industrial firms and other organizations benefit from AMES' technological knowledge through the increased competitiveness of U.S. industry in the international marketplace.

Anticipated funding (from all sources) for fiscal year 2007 for AMES is approximately $30 million. DOE expects to award a new performance-based contract during the fourth quarter of fiscal year 2006 and will include a 60-day transition period. The selected offeror will be expected to fully assume all management and operating responsibilities by January 1, 2007. All interested parties are requested to submit an Expression of Interest to Lisa Rogers, Source Evaluation Board Executive Secretary, RFP Number DE-RP02-06CH11358, at the following e-mail address: lisa.rogers@ch.doe.gov. While there is no specific format required, please reference the RFP number, list the name of a contact with a telephone number and an e-mail address, indicate your interest as being either a prime

or a subcontractor, indicate whether you are a small business, and indicate if you are willing to have your expression of interest information published on the Source Evaluation Board's solicitation website. Submission of an Expression of Interest does not commit an interested party to submit a proposal. Expressions of Interest should be received no later than 3:00p.m. Central Standard Time on December 2, 2005.

Future information regarding this solicitation will be posted on DOE's Industry Interactive Procurement System (IIPS) at URL http://e-center.doe.gov and/or FedBizOpps at URL http://fedbizopps.gov. DOE anticipates issuing a draft RFP in the second quarter of FY06. Information regarding Ames Laboratory can be accessed at the Source Evaluation Board website located at URL http://rfpames.sc.doe.gov.

Points of Contact

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